## Spill Summary Report for NRC Report #810699

Report Date: 3/6/2019

Region IV Hotline Log Entry Information

Report Time: 4:04 PM EST

Data ID: 274266

Date Of Report: 08-SEP-06

NRC#: 810699

State #: 41650

Receiver:

ERNS #:

Material Type: Haz Material / Amount:

PHOSPHORIC ACID (500 GALLON(S))

Location:

City: WAYCROSS County: WARE

State: GA

Source of Pollution:

Water Body:

State Or EPA Responded:

amenden to 12000 Gallons

Initial EPA Action:

OSC Dorian Sent

Status: URL:

NRC Spill Report

NATIONAL RESPONSE CENTER 1-800-424-8802 \*\*\*GOVERNMENT USE ONLY\*\*\*GOVERNMENT USE ONLY\*\*\* Information released to a third party shall comply with any applicable federal and/or state Freedom of Information and Privacy Laws

Incident Report # 810699

INCIDENT DESCRIPTION

\*Report taken by: CIV MAURICIA JONES at 08:26 on 08-SEP-06

Incident Type: RAILROAD Incident Cause: DERAILMENT

Affected Area:

The incident occurred on 08-SEP-06 at 07:50 local time.

Affected Medium: LAND GROUND

REPORTING PARTY

Name:

EDWARD COOK

Organization: CSX RAILROAD Address:

500 WATER STREET

JACKSONVILLE, FL 32202

CSX RAILROAD called for the responsible party.

CELLULAR Phone: (904)6072099 ALTERNATE Phone: (904)3812212

INCIDENT LOCATION

County: WARE

City: WAYCROSS State: GA Latitude: 31 Degrees 11' 47" N

Longitude: 82 Degrees 22' 19" W

1100 WEST HAMILTON AVE.

RELEASED MATERIAL (S)

CHRIS Code: PAC

Official Material Name: PHOSPHORIC ACID

Also Known As:

Qty Released: 500 GALLON(S)

DESCRIPTION OF INCIDENT

THE CALLER STATED THAT A TANK CAR DERAILED IN A YARD AND IS LEAKING MATERIAL FROM

IT.

#### INCIDENT DETAILS

Grade Crossing: NO Location Subdivision: Railroad Milepost: Type of Vehicle Involved:

Crossing Device Type: Device Operational: YES

DOTCrossing Number:

Date and Time Service was/will be Restored:

Brake Failure: NO

Federal Post-Accident 219.201 Sub Part C Testing Required: NO

Passenger Train Route: UNK

Passenger Train Delay Expected: UNK Passenger Train Delay Handling:

---RAILROAD INFORMATION---

Railroad Involved: CSX RAILROAD

Train Number: TGAX131311

Train Type: RAIL CAR Train Direction:

Train Speed: Track Speed: Locomotives: Cars: Derailed:

Suspected DOT Regulation Non Compliance: NO

DERAILED CARS:

Pos. Carnumber

Type

Cargo

#### REPORTING PARTY

Type of Organization: PRIVATE ENTERPRISE

SUSPECTED RESPONSIBLE PARTY

EDWARD COOK

Organization: CSX RAILROAD 500 WATER STREET

Address:

JACKSONVILLE, FL 32202

CELLULAR Phone: (904) 6072099 ALTERNATE Phone: (904) 3812212

Type of Organization: PRIVATE ENTERPRISE

Fire Involved: NO Fire Extinguished: UNKNOWN

INJURIES: NO

Hospitalized:

Empl/Crew:

Passenger:

FATALITIES:

Empl/Crew:

Passenger:

Occupant:

EVACUATIONS: NO

NO NO

Who Evacuated:

Radius/Area:

Damages:

Hours

Direction of

Closure Type Air:

Description of Closure N

Closed

Closure

Road:

N

Major Art

Waterway:

Track:

Passengers Transferred: UNKNOWN Environmental Impact: UNKNOWN

Media Interest: NONE Community Impact due to Material: NO

REMEDIAL ACTIONS

RESPONSE CONTRACTOR EN ROUTE / FIRE DEPT NOTIFIED

Release Secured: NO

Release Rate:

Estimated Release Duration:

WEATHER

Weather: PARTLY CLOUDY, OF

ADDITIONAL AGENCIES NOTIFIED

Federal:

State/Local: GA DNR State/Local On Scene:

State Agency Number:

41650

NOTIFICATIONS BY NRC

DOT CRISIS MANAGEMENT CENTER (PRIMARY)

08-SEP-06 08:29 (202)3661863

FEDERAL RAILROAD ADMIN. (PRIMARY)

(202) 4936214

MR NAYLOR

------

U.S. EPA IV (PRIMARY)

(404) 6504955

NO VERBAL

NATIONAL INFRASTRUCTURE COORD CTR (PRIMARY)

08-SEP-06 08:29 (202)2829201

NOAA RPTS FOR GA (PRIMARY)

08-SEP-06 08:29 (206)5266344

FL EMERGENCY RESPONSE COMMISSION (PRIMARY)

08-SEP-06 08:29 (850)4139911

GEORGIA EMERGENCY MNGMT AGENCY (PRIMARY)

08-SEP-06 08:29 (404)6357200

TSA MARITIME AND LAND (PRIMARY)

08-SEP-06 08:29 (703)5633236

ADDITIONAL INFORMATION

THE CALLER HAD NO ADDITIONAL INFORMATION

\*\*\* END INCIDENT REPORT #

810699

Report any problems or Fax number changes by calling 1-800-424-8802

PLEASE VISIT OUR WEB SITE AT http://www.nrc.uscg.mil

# **United States Environmental Protection Agency** Region IV POLLUTION REPORT

Date:

Friday, September 15, 2006

From:

David Dorian, On-Scene Coordinator

To:

Matt Taylor, ERRB

Subject: Initial Final POLREP

CSX Acid Spill

1100 West Hamilton Ave, Waycross, GA

Latitude: 31.1958 Longitude: -82.3675

POLREP No.:

Site #:

**Reporting Period:** 

09/08/2006-09/09/2006

D.O. #:

**Start Date:** 

9/8/2006

**Response Authority:** 

CERCLA Emergency

Mob Date: **Completion Date:**  9/8/2006 9/9/2006

Response Type: **NPL Status:** 

Non NPL

**CERCLIS ID#:** 

**Incident Category:** 

Removal Action

RCRIS ID #:

Contract #

#### Site Description

Two railcars, one carrying phosphoric acid, derailed resulted in the release of approximately 12,000 gallons of phosphoric acid at the CSX Rice Rail yard in Waycross, GA, on Friday, September 8, 2006 at 7:35AM. During the derailment, the rail car with phosphoric acid turned over completely and the valve was sheared when it struck the rail on track B#21. Approximately 90% of the contents discharged onto the ballasts of B tracks #21-24, which drain to a storm water collection system. The second car in the derailment was carrying mineral clay, which dispersed across the ballasts. The cause of the derailment is still under investigation. OSC David Dorian was dispatched to oversee the Responsible Party (RP) response. GA EPD also responded.

#### **Current Activities**

The storm water collection system drains to an intermittent ditch on CSX property, approximately 200 yards west of the ballast. The ditch travels west beneath HWY 84 and connects to Kettle Creek. CSX responded by damming the ditch immediately after the release to prevent migration further west along the ditch and to the creek. Measurement of pH on both sides of the constructed earthen dam and in the creek indicated that the acid did not migrate past the bermed portion of the ditch. The pH in the ditch (on the south side of the berm) at the outfall of the drainage system measured pH 1.99; whereas, the pH on the protected part of the ditch near the connection to the creek measured pH 5.2, which is background for that area. Measurements in the creek itself were at also background.

CSX hired SWS/First Response as their environmental response contractor and Shaw as their technical consultant. CSX applied lime to the ballast and into the storm drain in an effort to buffer the pH when rain percolates through the ballast and into the storm water collection system.



CSX began pH adjustment of the liquid which accumulated in the ditch. They applied lime and mixed by circulating water with a pump. On Saturday morning the pH had increased to 3.5 but was not yet neutral. At 0938, CSX applied a high strength lime to the pond. SWS did not want to pump the contents of the ditch into a frac tank until the pH was neutral. Shaw continued to monitor the pH near the connection to the creek. By noon, the contents of the ditch were neutral pH, and SWS pumped the contents into a frac tank.

In the absence of rain, CSX commenced flushing the storm drain in the late and monitoring the pH at the outfall of the storm water collection system into the dammed ditch. CSX had plugged the storm water system with the application of solid lime in the manhole directly downstream of the spill. As this manhole was cleared, pure product flowed from the storm water drainage system into the ditch. The pH measured less than pH 1 at the drain and approximately 1.2 in the ditch. The pH initially rose to 2.15 with the lime already present in the ditch. SWS shored up the ditch and added additional lime. With time and the application of this additional lime, the pH began to rise.

#### **Planned Removal Actions**

The RP will pump all the neutralized liquid into frac tanks and ensure proper disposal.

#### **Next Steps**

At 1700 with storm water system drained, the spill contained in the ditch and pH adjustment under way, the situation had stabilized. GA EPD will continue as the lead agency and ensure all follow up measures are complete.

#### **Estimated Costs \***

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
Intramural Costs				
Total Site Costs	\$0.00	\$0.00	\$0.00	0.00%

<sup>\*</sup> The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

www.epaosc.org/CSXAcidSpill

# B&V WASTE SCIENCE AND TECHNOLOGY CORP.

1117 Perimeter Center West, Suite W-212, Atlanta, Georgia 30338, (404) 392-9227, Fax: (404) 392-9289

AUG 1 2 1992

U.S. Environmental Protection Agency Seaboard Coast Line RR Shope W.A. No. 11

B&V Projects 52011/058 August 12, 1992

Ms. Janice Thomas, Site Assessment Manager U.S. Environmental Protection Agency Site Assessment Section 345 Courtland Street, N.E. Atlanta, GA 30365

Subject: Cessation of Seaboard Coast Line

RR Shops Site Investigation

#### Ms. Thomas:

This letter is in response to your request made in our telephone conversation on August 12<sup>th</sup>, 1992. On August 12<sup>th</sup>, 1992, I telephoned Mr. Steve Woodall of the Georgia Environmental Protection Division, Hazardous Waste Branch, and requested the status of the site in question, Seaboard Coast Line RR Shops in Waycross, Ware County, Georgia. Mr. Woodall is familiar with the site under the name of the current owner, CSX Transportation. Mr. Woodall stated that the site is a fully permitted RCRA site undergoing corrective action for groundwater. Further, the site is under the full control of the Georgia EPD and closures have taken place.

Since the site is being handled fully by the authorities at Georgia EPD, it is my recommendation that no sampling or site investigation be performed on the Seaboard Coast Line RR Shops. If you have any questions or requests, please feel free to call.

Very truly yours,

**B&V Waste Science and Technology** 

Brian C. Jones Project Engineer

Bran Gonos

cc: Hubert Weiland, BVWST

2	_	•	
-	_	31	•
			_
-		-	

ধ ় ব

### POTENTIAL HAZARDOUS WASTE SITE IDENTIFICATION AND PREI IMINARY ASSESSMENT

REGION SITE NUMBER (to be as-

15 SITTI TONTION AND TREEN	MINANI ASSE	JOMEN I		
NOTE: This form is completed for each potential hazardous we submitted on this form is based on evaluable records and may be and on-site inspections.	sste site to help e updated on st	p set priorities for absequent forms as	site inspe a result o	ction. The information f additional inquiries
GENERAL INSTRUCTIONS: Complete Sections I and III through Assessment). File this form in the Regional Hazardous Waste Agency; Site Tracking System; Hazardous Waste Enforcement 7	Log File and su	ubmit a copy to: U.	.S. Environ	nmental Protection
	ENTIFICATION			The second secon
A. SITE HAME	1	or other identifier)	540	
SEABOARD COASTLINE RR SHOPS	HAINE:			70 11 11 11
	GA GA	31501		TY NAME
WAY CTOSS G. OWNER/OPERATOR (If Brown)	1 64	101001	WAITE	×
1 MAME		(4)	31	PHONE NUMBER
HARRISON, WILLIAM ENG. ENV.			904	359 1986
H. TYPE OF OWNERSHIP	A			
1. FEDERAL 2. STATE 3. COUNTY 4. MUN	IICIPAL WE	PRIVATE 6.	UNKNOWN	(b)
I. SITE DESCRIPTION	3- W <u></u>			
1963-70 LANDFILL				
J. HOW IDENTIFIED (i.e., citizen'e complainte, OSHA citatione, etc.)				K. DATE IDENTIFIED
				(mo., doy, & yr.)
103 C NOTIFICATION				6-8-81
L. PRINCIPAL STATE CONTACT				Buone
MOSES N. McCALC III		3		656-2833
IL PRELIMINARY ASSESSM	ENT (complete	this section lest)		
A. APPARENT SERIOUSNESS OF PROBLEM  1. HIGH 2. MEDIUM 3. LOW 4. NON	E 🛱 5.	UNKHOWN		
B. RECOMMENDATION			State of the state	
1. NO ACTION NEEDED (no hasard)	2. IMME	DIATE SITE INSPEC NTATIVELY SCHEDI	TION NEE	DED
a. SITE INSPECTION NEEDED	<b>.</b> ₩I	L BE PERFORMED	DY:	
b. WILL BE PERFORMED BY:	<b>□</b> 4 875	INSPECTION NEED	ED (less and	erity)
EPD				4
C. PREPARER INFORMATION		Marian Time tight Marianovan		10 (2007000000000000000000000000000000000
1. NAME	13 P.S. 2003	EPHONE NUMBER	x -	9-14-8Z
JIM USSETZY	404			7-17-06
A. SITE STATUS	INFORMATION			
A. SITE STATUS  1. ACTIVE (Those industrial or municipal sites which are being used for waste treatment, storage, or disposal on a continuing basis, even if indra-quantity.)  2. INACTIVE (Those industrial or plants which no longer recent wastes.)	2. OTHE	(R (apocity): that include such inc continuing use of the	idente like alte for w	Heidnight dumping! where eate disposal has occurred.)
B. IS GENERATOR ON SITET  1. NO   2. YES (apocity gains)	norator's four-di	git gIC Code):		
C. AREA OF SITE (In ecros)  D. IF APPARENT SERIOUS  1. LATITUDE (dogmin)		그리아 보다는 그림으로 전하고 있다면 하고 있다면 없었다.		E\$ æin
E. ARE THERE BUILDINGS ON THE SITE!				

Continued From Front				í	~
		VII. PERMIT INFO	RMATION		
A. INDICATE ALL APPLICAB	LE PERMITS HELD BY TH	IE SITE.			
		ē.			
1. NPDES PERMIT	2. SPCC PLAN	3. STATE PERMIT	pecily):		
4. AIR PERMITS	5. LOCAL PERMIT	6. RCRA TRANSPOR	TER		115/0-
7 RCRA STORER	8. RCRA TREATER	9 RCRA DISPOSER			
10. OTHER (apacity):	NONE				
B. IN COMPLIANCE?					
1. YES	] 2. NO	3. UNKNOWN			20
4. WITH RESPECT TO (II	lat regulation name & numbe	ne):	*	8	
	VIII.	PAST REGULATOR	Y ACTIONS		-
A. NONE	B. YES (summerize below				
^					
	IX. INSPE	CTION ACTIVITY	past or on-going)		
M A NONE	B. YES (complete items 1,		* *************************************		
*					
1. TYPE OF ACTIVITY	2 DATE OF PAST ACTION (mo., day, & yr.)	BY: (EPA/State)	4. DESCRIPTION		
3	8				
		<del>                                     </del>			
(A) (A) (B) (B) (B) (B) (B) (B) (B) (B) (B) (B		1			
					-
*			74		
	X. REM	EDIAL ACTIVITY	past or on-going)	- 100	
4	*		Tu		65%
A. NONE	B. YES (complete items 1,	2, 3, & 4 below)			
1. TYPE OF ACTIVITY	2. DATE OF PAST ACTION (mo., day, & yr.)	3. PERFORMED BY: (EPA/State)	4. DESCRIPTION		
*					
		LL			
NOTE: Based on the info	rmation in Sections III	through X, fill o	ut the Preliminary Assessment (Section	II)	
	first page of this form			•/	
	balle or time tott	***	*5		

EPA Form T2070-2 (10-79)

PAGE 4 OF 4

1					A A RESIDENCE OF THE PARTY OF T			
			. CHARACTERIZATI					
Indicate the major sit	e activity	es) and dete	ails relating to each a	ctiv	ity by marking 'X' in	the app	ropriate boxes	•
A. TRANSPOR	TER	×	B. STORER	×	C. TREATER		·× o	. DISPOSER
1. RAIL		1. PILE		,	FILTRATION	L - Statistical Co	1. LANDFIL	<u> </u>
2. SHIP		2. SURFA	CE IMPOUNDMENT	2	INCINERATION	A 1 (14)	2. LANDFA	RM
3. BARGE	N 33 - 19 33	3. DRUMS		3	. VOLUME REDUCTIO	N	S. OPEN DI	JMP
4. TRUCK		4. TANK	ABOVE GROUND	4	RECYCLING/RECO	VERY	4. SURFAC	E IMPOUNDMENT
5. PIPELINE		S. TANK.	BELOW GROUND	,	CHEM./PHYS. TRE	TMENT	S. MIDNIGH	T DUMPING
6. OTHER (specify):		6. OTHE	R (specily):		BIOLOGICAL TREA	TMENT	6. INCINER	ATION
			03-50-5005	,	. WASTE OIL REPRO	CESSING	7. UNDERG	ROUND INJECTION
1			l		. SOLVENT RECOVE	RY	S. OTHER	specify):
					OTHER (specify):			
7			•1					•
							<u></u>	
E. SPECIFY DETAILS	OF SITE AC	TIVITIES AS	NEEDED					
1								
1								
			*****					
A. WASTE TYPE			V. WASTE RELAT	ED	INFORMATION			
A. WASTE TIPE								
[]1 UNKNOWN [	2 LIQUID	[]3	. SOLID [ ]4. :	SLUI	DGE [_]5. G	AS		
B. WASTE CHARACTE	DISTICS							
		SIVE TIS	IGNITABLE []4	BAD	MACTIVE TIS HI	CHI V V	DIATHE	
			INERT []9			GHC . V	3671166	
	J, WEWC!	الات ال	[_  s					
10. OTHER (speci	(v)·				514			
C. WASTE CATEGORIE	ES			-			***************************************	
1. Are records of was	tes available	? Specify its	ems such as manifests, i	nver	ntories, etc. below.			
10 <b>9</b>								
2. Estimate the amo	unt(specif	v unit of me	esure)of waste by cat	epoi	ry: mark 'X' to indic	ale whic	h wastes are n	present.
			asure) of waste by cat	egoi				
2. Estimate the amo		y unit of me.	asure)of waste by cat c. SOLVENTS	I	ry; mark 'X' to indic d. CHEMICALS		SOLIDS	f. OTHER
a. SLUDGE	ь.		c. SOLVENTS	I	d. CHEMICALS	٠.	SOLIDS	I. OTHER
a. SLUDGE	ь.	OIL	c. SOLVENTS	^^	d. CHEMICALS	AMOUN	SOLIDS	I. OTHER
a. SLUDGE	b. AMOUNT	OIL	c. SOLVENTS	^^	d. CHEMICALS	AMOUN	SOLIDS r	I. OTHER
MOUNT  UNIT OF MEASURE	b. AMOUNT UNIT OF M	OIL	C. SOLVENTS AMOUNT UNIT OF MEASURE	A.N	d. CHEMICALS	e. AMOUNT UNIT OF	SOLIDS MEASURE	I. OTHER AMOUNT UNIT OF MEASURE
a. SLUDGE	b. AMOUNT UNIT OF N	OIL	c. SOLVENTS	A.N	d. CHEMICALS	e. AMOUNT UNIT OF	SOLIDS MEASURE	I. OTHER AMOUNT UNIT OF MEASURE
a. SLUDGE  AMOUNT  UNIT OF MEASURE  'X' (1) PAINT. PIGMENTS	D. AMOUNT UNIT OF M  X' (1) OIL WAS	OIL IEASURE Y TES	C. SOLVENTS AMOUNT  UNIT OF MEASURE  (X) (1) HALOGENATED SOLVENTS	ur ·×	d. CHEMICALS	MOUNT UNIT OF	SOLIDS MEASURE	I. OTHER  AMOUNT  UNIT OF MEASURE  (X' (1) PHARMACEUT.
MOUNT  UNIT OF MEASURE  X. (1) PAINT.	D. AMOUNT UNIT OF M  X' (1) OIL WAS	OIL	C. SOLVENTS AMOUNT UNIT OF MEASURE  (X' (1) HALOGENATED SOLVENTS	ur ·×	d. CHEMICALS	MOUNT UNIT OF	SOLIDS MEASURE	I. OTHER AMOUNT UNIT OF MEASURE
a. SLUDGE  AMOUNT  UNIT OF MEASURE  'X' (1) PAINT, PIGMENTS  (2) METALS SLUDGES	D. AMOUNT UNIT OF M  X' (1) OIL WAS	OIL IEASURE Y TES	C. SOLVENTS  AMOUNT  UNIT OF MEASURE  (X' (1) HALOGENATED SOLVENTS  (2) NON-HALOGENT (2) NON-HALOGENT (3)	** **	d. CHEMICALS MOUNT  NIT OF MEASURE  (1) ACIDS  (2) PICKLING LIQUORS	UNIT OF	SOLIDS MEASURE VASH	f. OTHER  AMOUNT  UNIT OF MEASURE  'X' 11) LABOHATORY PHARMACEUT.  (2) HOSPITAL
a. SLUDGE  AMOUNT  UNIT OF MEASURE  'X' (1) PAINT, PIGMENTS  (2) METALS	D. AMOUNT UNIT OF M	OIL IEASURE Y TES	c. SOLVENTS  AMOUNT  UNIT OF MEASURE  'X'  (1) HALOGENATED  SOLVENTS	** **	d. CHEMICALS MOUNT  NIT OF MEASURE  (1) A CIDS	UNIT OF	SOLIDS MEASURE	I. OTHER  AMOUNT  UNIT OF MEASURE  (X' (1) PHARMACEUT.
a. SLUDGE  AMOUNT  UNIT OF MEASURE  'X' (1) PAINT, PIGMENTS  (2) METALS SLUDGES	D. AMOUNT UNIT OF M	OIL IEASURE Y TES	C. SOLVENTS  AMOUNT  UNIT OF MEASURE  (X' (1) HALOGENATED SOLVENTS  (2) NON-HALOGENT (2) NON-HALOGENT (3)	** **	d. CHEMICALS MOUNT  NIT OF MEASURE  (1) A CIDS  (2) PICKLING LIQUORS	E. AMOUNT OF STATE OF	SOLIDS  MEASURE  YASH  BESTOS  LLING/ NE TAILINGS	f. OTHER  AMOUNT  UNIT OF MEASURE  'X' (1) PHARMACEUT.  (2) HOSPITAL  (3) RADIOACTIVE
a. SLUDGE  AMOUNT  UNIT OF MEASURE  'X' (1) PAINT, PIGMENTS  12) METALS SLUDGES	D. AMOUNT UNIT OF M	OIL IEASURE Y TES	C. SOLVENTS  AMOUNT  UNIT OF MEASURE  (X' (1) HALOGENATED SOLVENTS  (2) NON-HALOGENT (2) NON-HALOGENT (3)	** **	d. CHEMICALS MOUNT  NIT OF MEASURE  (1) ACIDS  (2) PICKLING LIQUORS	E. AMOUNT OF STATE OF	SOLIDS  MEASURE  YASH  BESTOS	f. OTHER  AMOUNT  UNIT OF MEASURE  'X' (1) PHARMACEUT.  (2) HOSPITAL  (3) RADIOACTIVE
a. SLUDGE AMOUNT  UNIT OF MEASURE  X. (1) PAINT. PIGMENTS  12) METALS SLUDGES  131 POTW  (4) ALUMINUM SLUDGE	D. AMOUNT UNIT OF M  X' (1) OIL WAS  (2) OTH	OIL IEASURE Y TES	C. SOLVENTS  AMOUNT  UNIT OF MEASURE  (X' (1) HALOGENATED SOLVENTS  (2) NON-HALOGENT (2) NON-HALOGENT (3)	** **	d. CHEMICALS MOUNT  NIT OF MEASURE  (1) ACIDS  (2) PICKLING LIQUORS  (3) CAUSTICS	12) A5  (4) F1	SOLIDS  MEASURE  YASH  BESTOS  LLING/ NE TAILINGS  ERROUS  LTG. WASTES	f. OTHER  AMOUNT  UNIT OF MEASURE  'X' 11) LABORATORY PHARMACEUT.  (2) HOSPITAL  (3) RADIOACTIVE
a. SLUDGE  AMOUNT  UNIT OF MEASURE  (X) (1) PAINT. PIGMENTS  12) METALS SLUDGES  131 POTW  (4) ALUMINUM	D. AMOUNT UNIT OF M  X' (1) OIL WAS  (2) OTH	OIL IEASURE Y TES	C. SOLVENTS  AMOUNT  UNIT OF MEASURE  (X' (1) HALOGENATED SOLVENTS  (2) NON-HALOGENT (2) NON-HALOGENT (3)	** **	d. CHEMICALS MOUNT  NIT OF MEASURE  (1) A CIDS  (2) PICKLING LIQUORS	12) A5  (4) F1	SOLIDS  MEASURE  YASH  BESTOS  LLING/ NE TAILINGS	f. OTHER  AMOUNT  UNIT OF MEASURE  'X' 11) LABORATORY PHARMACEUT.  (2) HOSPITAL  (3) RADIOACTIVE
a. SLUDGE AMOUNT  UNIT OF MEASURE  X. (1) PAINT. PIGMENTS  12) METALS SLUDGES  131 POTW  (4) ALUMINUM SLUDGE	D. AMOUNT UNIT OF M  X' (1) OIL WAS  (2) OTH	OIL IEASURE Y TES	C. SOLVENTS  AMOUNT  UNIT OF MEASURE  (X' (1) HALOGENATED SOLVENTS  (2) NON-HALOGENT (2) NON-HALOGENT (3)	** **	d. CHEMICALS MOUNT  NIT OF MEASURE  (1) ACIDS  (2) PICKLING LIQUORS  (3) CAUSTICS  (4) PESTICIDES	12) A5  (4) F1  (4) Sh	SOLIDS  MEASURE  YASH  BESTOS  LLING/ NE TAILINGS  ERROUS  LTG. WASTES	f. OTHER  AMOUNT  UNIT OF MEASURE  'X' 11) LABORATORY PHARMACEUT.  (2) HOSPITAL  (3) RADIOACTIVE
a. SLUDGE AMOUNT  UNIT OF MEASURE  X. (1) PAINT. PIGMENTS  12) METALS SLUDGES  131 POTW  (4) ALUMINUM SLUDGE	D. AMOUNT UNIT OF M  X' (1) OIL WAS  (2) OTH	OIL IEASURE Y TES	C. SOLVENTS  AMOUNT  UNIT OF MEASURE  (X' (1) HALOGENATED SOLVENTS  (2) NON-HALOGENT (2) NON-HALOGENT (3)	** **	d. CHEMICALS MOUNT  NIT OF MEASURE  (1) ACIDS  (2) PICKLING LIQUORS  (3) CAUSTICS	12) A5  (4) F1  (4) Sh	SOLIDS  MEASURE  YASH  BESTOS  LLING/ NE TAILINGS  IRROUS ILTG. WASTES	f. OTHER  AMOUNT  UNIT OF MEASURE  'X' 11) LABORATORY PHARMACEUT.  (2) HOSPITAL  (3) RADIOACTIVE
a. SLUDGE AMOUNT  UNIT OF MEASURE  X. (1) PAINT. PIGMENTS  12) METALS SLUDGES  131 POTW  (4) ALUMINUM SLUDGE	D. AMOUNT UNIT OF M  X' (1) OIL WAS  (2) OTH	OIL IEASURE Y TES	C. SOLVENTS  AMOUNT  UNIT OF MEASURE  (X' (1) HALOGENATED SOLVENTS  (2) NON-HALOGENTS	** **	d. CHEMICALS MOUNT  NIT OF MEASURE  (1) ACIDS  (2) PICKLING LIQUORS  (3) CAUSTICS  (4) PESTICIDES  (6) CYANIDE	12) A5  (4) F1  (4) Sh	SOLIDS  MEASURE  YASH  BESTOS  LLING/ NE TAILINGS  IRROUS ILTG. WASTES	f. OTHER  AMOUNT  UNIT OF MEASURE  'X' 11) LABORATORY PHARMACEUT.  (2) HOSPITAL  (3) RADIOACTIVE
a. SLUDGE AMOUNT  UNIT OF MEASURE  X. (1) PAINT. PIGMENTS  12) METALS SLUDGES  131 POTW  (4) ALUMINUM SLUDGE	D. AMOUNT UNIT OF M  X' (1) OIL WAS  (2) OTH	OIL IEASURE Y TES	C. SOLVENTS  AMOUNT  UNIT OF MEASURE  (X' (1) HALOGENATED SOLVENTS  (2) NON-HALOGENTS	** **	d. CHEMICALS MOUNT  NIT OF MEASURE  (1) ACIDS  (2) PICKLING LIQUORS  (3) CAUSTICS  (4) PESTICIDES	12) A5  (4) F1  (4) Sh	SOLIDS  MEASURE  YASH  BESTOS  LLING/ NE TAILINGS  IRROUS ILTG. WASTES	f. OTHER  AMOUNT  UNIT OF MEASURE  'X' 11) LABORATORY PHARMACEUT.  (2) HOSPITAL  (3) RADIOACTIVE
a. SLUDGE AMOUNT  UNIT OF MEASURE  X. (1) PAINT. PIGMENTS  12) METALS SLUDGES  131 POTW  (4) ALUMINUM SLUDGE	D. AMOUNT UNIT OF M  X' (1) OIL WAS  (2) OTH	OIL IEASURE Y TES	C. SOLVENTS  AMOUNT  UNIT OF MEASURE  (X' (1) HALOGENATED SOLVENTS  (2) NON-HALOGENTS	** **	d. CHEMICALS MOUNT  NIT OF MEASURE  (1) ACIDS  (2) PICKLING LIQUORS  (3) CAUSTICS  (4) PESTICIDES  (6) CYANIDE  (7) PHENOLS	12) A5  (4) F1  (4) Sh	SOLIDS  MEASURE  YASH  BESTOS  LLING/ NE TAILINGS  IRROUS ILTG. WASTES	f. OTHER  AMOUNT  UNIT OF MEASURE  'X' 11) LABORATORY PHARMACEUT.  (2) HOSPITAL  (3) RADIOACTIVE
a. SLUDGE AMOUNT  UNIT OF MEASURE  X. (1) PAINT. PIGMENTS  12) METALS SLUDGES  131 POTW  (4) ALUMINUM SLUDGE	D. AMOUNT UNIT OF M  X' (1) OIL WAS  (2) OTH	OIL IEASURE Y TES	C. SOLVENTS  AMOUNT  UNIT OF MEASURE  (X' (1) HALOGENATED SOLVENTS  (2) NON-HALOGENTS	** **	d. CHEMICALS MOUNT  NIT OF MEASURE  (1) ACIDS  (2) PICKLING LIQUORS  (3) CAUSTICS  (4) PESTICIDES  (6) CYANIDE	12) A5  (4) F1  (4) Sh	SOLIDS  MEASURE  YASH  BESTOS  LLING/ NE TAILINGS  IRROUS ILTG. WASTES	f. OTHER  AMOUNT  UNIT OF MEASURE  'X' 11) LABORATORY PHARMACEUT.  (2) HOSPITAL  (3) RADIOACTIVE
a. SLUDGE AMOUNT  UNIT OF MEASURE  X. (1) PAINT. PIGMENTS  12) METALS SLUDGES  131 POTW  (4) ALUMINUM SLUDGE	D. AMOUNT UNIT OF M  X' (1) OIL WAS	OIL IEASURE Y TES	C. SOLVENTS  AMOUNT  UNIT OF MEASURE  (X' (1) HALOGENATED SOLVENTS  (2) NON-HALOGENTS	** **	d. CHEMICALS MOUNT  NIT OF MEASURE  (1) ACIDS  (2) PICKLING LIQUORS  (3) CAUSTICS  (4) PESTICIDES  (6) CYANIDE  (7) PHENOLS	12) A5  (4) F1  (4) Sh	SOLIDS  MEASURE  YASH  BESTOS  LLING/ NE TAILINGS  IRROUS ILTG. WASTES	f. OTHER  AMOUNT  UNIT OF MEASURE  'X' 11) LABORATORY PHARMACEUT.  (2) HOSPITAL  (3) RADIOACTIVE
a. SLUDGE AMOUNT  UNIT OF MEASURE  X. (1) PAINT. PIGMENTS  12) METALS SLUDGES  131 POTW  (4) ALUMINUM SLUDGE	D. AMOUNT UNIT OF M  X' (1) OIL WAS	OIL IEASURE Y TES	C. SOLVENTS  AMOUNT  UNIT OF MEASURE  (X' (1) HALOGENATED SOLVENTS  (2) NON-HALOGENTS	** **	d. CHEMICALS MOUNT  NIT OF MEASURE  (1) ACIDS  (2) PICKLING LIQUORS  (3) CAUSTICS  (4) PESTICIDES  (6) CYANIDE  (7) PHENOLS  (8) HALOGENS	12) A5  (4) F1  (4) Sh	SOLIDS  MEASURE  YASH  BESTOS  LLING/ NE TAILINGS  IRROUS ILTG. WASTES	f. OTHER  AMOUNT  UNIT OF MEASURE  'X' 11) LABORATORY PHARMACEUT.  (2) HOSPITAL  (3) RADIOACTIVE
a. SLUDGE AMOUNT  UNIT OF MEASURE  X. (1) PAINT. PIGMENTS  12) METALS SLUDGES  131 POTW  (4) ALUMINUM SLUDGE	D. AMOUNT UNIT OF M  X' (1) OIL WAS	OIL IEASURE Y TES	C. SOLVENTS  AMOUNT  UNIT OF MEASURE  (X' (1) HALOGENATED SOLVENTS  (2) NON-HALOGENTS	** **	d. CHEMICALS MOUNT  NIT OF MEASURE  (1) ACIDS  (2) PICKLING LIQUORS  (3) CAUSTICS  (4) PESTICIDES  (6) DYES/INKS  (6) CYANIDE  (7) PHENOLS  (8) HALOGENS  (9) PC B	12) A5  (4) F1  (4) Sh	SOLIDS  MEASURE  YASH  BESTOS  LLING/ NE TAILINGS  IRROUS ILTG. WASTES	f. OTHER  AMOUNT  UNIT OF MEASURE  'X' 11) LABORATORY PHARMACEUT.  (2) HOSPITAL  (3) RADIOACTIVE
a. SLUDGE AMOUNT  UNIT OF MEASURE  X. (1) PAINT. PIGMENTS  12) METALS SLUDGES  131 POTW  (4) ALUMINUM SLUDGE	D. AMOUNT UNIT OF M  X' (1) OIL WAS	OIL IEASURE Y TES	C. SOLVENTS  AMOUNT  UNIT OF MEASURE  (X' (1) HALOGENATED SOLVENTS  (2) NON-HALOGENTS	** **	d. CHEMICALS MOUNT  NIT OF MEASURE  (1) ACIDS  (2) PICKLING LIQUORS  (3) CAUSTICS  (4) PESTICIDES  (6) CYANIDE  (7) PHENOLS  (8) HALOGENS	12) A5  (4) F1  (4) Sh	SOLIDS  MEASURE  YASH  BESTOS  LLING/ NE TAILINGS  IRROUS ILTG. WASTES	f. OTHER  AMOUNT  UNIT OF MEASURE  'X' 11) LABORATORY PHARMACEUT.  (2) HOSPITAL  (3) RADIOACTIVE
a. SLUDGE AMOUNT  UNIT OF MEASURE  X. (1) PAINT. PIGMENTS  12) METALS SLUDGES  131 POTW  (4) ALUMINUM SLUDGE	D. AMOUNT UNIT OF M  X' (1) OIL WAS	OIL IEASURE Y TES	C. SOLVENTS  AMOUNT  UNIT OF MEASURE  (X' (1) HALOGENATED SOLVENTS  (2) NON-HALOGENTS	** **	d. CHEMICALS MOUNT  NIT OF MEASURE  (1) ACIDS  (2) PICKLING LIQUORS  (3) CAUSTICS  (4) PESTICIDES  (6) DYES/INKS  (6) CYANIDE  (7) PHENOLS  (8) HALOGENS  (9) PC B	12) AS (3) M(4) FI	SOLIDS  MEASURE  YASH  BESTOS  LLING/ NE TAILINGS  IRROUS ILTG. WASTES	f. OTHER  AMOUNT  UNIT OF MEASURE  'X' 11) LABORATORY PHARMACEUT.  (2) HOSPITAL  (3) RADIOACTIVE

17	W A C T E	DEI A	 INFORMATION	 

S. LIST SUBSTANCES OF GREATEST CONCERN WHICH MAY BE ON THE SITE (place in descending order of hezard).

SLUDGE FROM LUBE OIL REFINING

4. ADDITIONAL COMMENTS OR NARRATIVE DESCRIPTION OF SITUATION KNOWN OR REPORTED TO EXIST AT THE SITE.

		VI. HAZ	ARD DESCRIPTIO	ON ACC
A. TYPE OF HAZARD	B. POTEN- TIAL HAZARD (merk 'X')	C. ALLEGED INCIDENT (merk 'X')	D. DATE OF INCIDENT (mo., day, yr.)	E. REMARKS
1. NO HAZARD		E	** • • ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° °	
2. HUMAN HEALTH				
3. NON-WORKER INJURY/EXPOSURE				31
4. WORKER INJURY				
S. CONTAMINATION OF WATER SUPPLY		,		
6. CONTAMINATION				
7. CONTAMINATION OF GROUND WATER				
S. CONTAMINATION OF SURFACE WATER	Χ			
. DAMAGE TO FLORA/FAUNA				,
10. FISH KILL	•		8	v.
11. CONTAMINATION				
12. NOTICEABLE ODORS			I.	
13. CONTAMINATION OF SOIL	Χ			
14. PROPERTY DAMAGE				
15. FIRE OR EXPLOSION				5 5
16. SPILLS/LEAKING CONTAINERS/ RUNOFF/STANDING LIQUIDS				
17. SEWER, STORM DRAIN PROBLEMS				*
18. EROSION PROBLEMS				
19. INADEQUATE SECURITY				
20. INCOMPATIBLE WASTES				×
21. MIDNIGHT DUMPING				7
2 2. OTHER (apocity):	n			17

# Notification of Hazardous Waste Sign

**United States Environmental Protection** Agency Washington DC 20460

This initial notification information is required by Section 103(c) of the Comprehensive Environmental Response, Compen-

810608

	be mailed by June 9, 1981.	na must	which applies.				
					GAS OC	0 001	023
A	Person Required to Notify: Enter the name and address of the	person	Name SERBOR	ED COAST	LINE R.R	. Co.	2002: 50-20-20-20-20-20-20-20-20-20-20-20-20-20
	or organization required to notify.		Street 500 W	ATER ST.			
			city UACKSON	VVILLE	State FL	Zip Code 32	202
В	Site Location:	Mg SSI	Name of Site SC	I PP C	HARC		
	Enter the common name (if known actual location of the site.	n) and					
	_		Street HAINES				
	GAT 150 01072	6	City WAYCROS	County WA	EE State GA	Zip Code 3/	1501
C	Person to Contact:		P*	1/2	1	F110 - 1	- 41.41
	Enter the name, title (if applicable) business telephone number of the	), and	Name (Last, First and Title)			ENGKE	·NVZ.
	to contact regarding information submitted on this form.	рогоот	Phone (904)	359-198	6	4	
D	Dates of Waste Handling:						
	Enter the years that you estimate treatment, storage, or disposal begended at the site.		From (Year) /963	To (Year) /9	80		***************************************
E	Waste Type: Choose the option Option I: Select general waste typ	\$5,450 Market		Option 2: This or	ption is available to p	persons familiar	with the
	you do not know the general waste encouraged to describe the site in	e types or	sources, you are	Resource Conser regulations (40 C	vation and Recovery	Act (RCRA) Sec	tion 3001
	General Type of Waste: Place an X in the appropriate boxes. The categories listed overlap. Check each applicable category.		of Waste: X in the appropriate	listed in the regu appropriate four- the list of hazard contacting the EF	Waste: d a four-digit numbe lations under Sectio digit number in the b ous wastes and code 'A Region serving th	n 3001 of RCRA ooxes provided. as can be obtain	A. Enter the A copy of sed by
	1. ☐ Organics	1. 🗆 Mi	and the specific and th	located.			
			nstruction .				
	3. ☐ Solvents 4. ☐ Pesticides	3. ☐ Te:			0		
	5.  Heavy metals		per/Printing				
	6. M Acids		ather Tanning				
	7.  Bases		n/Steel Foundry		-	{ <del> </del>	
	8. D PCBs	8. 🗆 Ch	emical, General		m 🛢 T	2 0	
	<ol><li>Mixed Municipal Waste</li></ol>		ating/Polishing		Z		
			litary/Ammunition		0 7 60	2E -0	
	Figure 1 and the second of the second		ectrical Conductors		VR -	PO	
			ansformers		(0	20.	-
			ility Companies		15 II	E M	
		14. □ Sa 15. □ Ph	initary/Refuse			SE V	100
			b/Hospital		7 6	۲ °	Ο.
		17. 🗆 Ur	State Control of State of Stat				
			her (Specify)				
			E FRAM	261 (5)			

WEE OIL RE-

REFINING.

Form Approved OMB No. 2000-0138 EPA Form 8900-1

#### **Notification of Hazardous Waste Site** Side Two Waste Quantity: **Facility Type** otal Facility Waste Amount Place an X in the appropriate boxes to 1. Piles 144,000 C cubic feet indicate the facility types found at the site. Land Treatment In the "total facility waste amount" space gallons 3. X Landfill give the estimated combined quantity 4. Tanks **Total Facility Area** (volume) of hazardous wastes at the site 5. Impoundment using cubic feet or gallons. square feet 6. Underground Injection In the "total facility area" space, give the estimated area size which the facilities 7. Drums, Above Ground acres occupy using square feet or acres. 8. Drums, Below Ground Other (Specify). Known, Suspected or Likely Releases to the Environment: Place an X in the appropriate boxes to indicate any known, suspected, ☐ Known ☐ Suspected ☐ Likely X None or likely releases of wastes to the environment. Note: Items Hand I are optional. Completing these items will assist EPA and State and local governments in locating and assessing hazardous waste sites. Although completing the items is not required, you are encouraged to do so. Sketch Map of Site Location: (Optional) Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate OLD the site location. Draw an arrow showing RUNDBED the direction north. You may substitute a publishing map showing the site location. ROAD ENTRANCE SHOP ROAD SHOP AREA Description of Site: (Optional) THIS SITE IS THE LOCATION OF SLUDGE FRO Describe the history and present THE DISCONTINUED ENGINE LUBRICATING OIL R. conditions of the site. Give directions to the site and describe any nearby wells, REFINING OPERATION. THE SLUDGE WAS NAULED springs, lakes, or housing. Include such FROM THE W-X SHOP REFINOIL PLANT TO THE information as how waste was disposed and where the waste came from. Provide DISPOSAL SIFE IN OPEN TOP CONTAINERS AN any other information or comments which may help describe the site conditions. DUMPED INTO THE SNALLOW PITS. SLUDGE CONSISTENCY IS VISCOUS TO SEMI-SOLID THIS IS A HAZARDOUS WASTE BY VIRTUE OF THE LOW PH. W.M. HARRISON Signature and Title: The person or authorized representative M Owner, Present (such as plant managers, superintendents, trustees or attorneys) of persons required ☐ Owner, Past water St. to notify must sign the form and provide a □ Transporter mailing address (if different than address □ Operator, Present TENSOUVI // State FL Zip Code \$2202 | Operator, Past in item A). For other persons providing notification, the signature is optional. Check the boxes which best describe the ☐ Other relationship to the site of the person required to notify. If you are not required to notify check "Other".

PAGE: 47 RUN DATE: 04/28/87 RUN TIME: 12:38:45

U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF EMERGENCY AND REMEDIAL RESPONSE G E R C L I S V 1.2

M.2 - SITE MAINTENANCE FORM

\* ACTION:

NO FURTHER ACTION (\_) Ĵ \* PENDING CONG DIST: 08 CNTY CODE : 299 LONGITUDE : 082/21/12.0 REMOVAL IND: N FED FAC IND: N HYDRO UNIT: 03070201 RPM PHONE: 404-347-2234 SOURCE: N LL-ACCURACY: REG FLD2: SITE APPROACH: ZIP: 31501 NPL DELISTING DATE: NO FURTHER ACTION ( ) SITE NAME: SEABOARD COAST LINE RR SHOPS REG FLD1: INVENTORY IND: Y REMEDIAL IND: Y NPL LISTING DATE: : HAINES AVE EXTN : GAD991275900 RESP TERM: PENDING ( ) LATITUDE : 31/12/54.0 RPM NAME: UNASSIGNED SITE CLASSIFICATION: : WAYCROSS CNTY NAME: WARE SITE/SPILL IDS: LL-SOURCE: R DIOXIN TIER: NPL IND: N EPA ID STREET CITY SMSA

11

VOLUNTARY RESPONSE (

NO VIABLE RESP PARTY ( )
ENFORCED RESPONSE ( )

DISP:

ENF

SITE DESCRIPTION:

REGION: 04 STATE : GA U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF EMERGENCY AND REMEDIAL RESPONSE C E R C L I S V 1.2

0 4 G A

REGION: STATE :

M.2 - PROGRAM MAINTENANCE FORM

\* ACTION:

SEABOARD COAST LINE RR SHOPS SITE:

PROGRAM CODE: H01 GAD991275900 EPA ID:

PROGRAM TYPE:

ALIAS LINK PROGRAM QUALIFIER:

SITE EVALUATION PROGRAM NAME:

DESCRIPTION:

PAGE: 49 RUN DATE: 04/28/87 RUN TIME: 12:38:45

U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF EMERGENCY AND REMEDIAL RESPONSE C E R C L I S V 1.2

04 GA

REGION: STATE :

M.2 - EVENT MAINTENANCE FORM

I

\* ACTION:

! EVENT TYPE: DS1 EVENT LEAD: E STATUS: EPA ID: GAD991275900 PROGRAM CODE: H01 SITE: SEABOARD COAST LINE RR SHOPS PROGRAM: SITE EVALUATION EVENT QUALIFIER DISCOVERY DESCRIPTION: EVENT NAME: FMS CODE:

HO COMMENT: RG COMMENT:

COMP : 06/01/81

ACTUAL

CURRENT

ORIGINAL

START: COMP :

START:

COMP :

START:

STATE % AMENDMENT #

STATUS

COOP AGR #

0 Q REGION: STATE :

U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF EMERGENCY AND REMEDIAL RESPONSE C E R C L I S V 1.2

PAGE: 50 RUN DATE: 04/28/87 RUN TIME: 12:38:45

M.2 - EVENT MAINTENANCE FORM

\* ACTION:

ı

EVENT TYPE: PA1

GAD991275900 PROGRAM CODE: H01

EPA ID:

SITE: SEABOARD COAST LINE RR SHOPS PROGRAM: SITE EVALUATION

FMS CODE:		1 *		ı
EVENT NAME:	PRELIMINARY ASSESSMENT STATUS:	*		1
DESCRIPTION:				
		* *		
		*		
*1		*		
ORIGINAL	CURRENT			
START:	START: START 09/01/82	// .	11	`
COMP :	COMP : 09/01/82	-/-/- *	-/-/-	1
HQ COMMENT:				
RG COMMENT:		· k		
	The second secon	*		
COOP AGR #	AMENDMENT # STATUS STATE %			
	0 1			

U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF EMERGENCY AND REMEDIAL RESPONSE

M.2 - COMMENT MAINTENANCE FORM

SEABOARD COAST LINE RR SHOPS

9 4 A

REGION: STATE :

GAD991275900

EPA ID: SITE:

COMMENT

N 02

001

003

004

002

002

ACTION

4 1 0 2 1 0				-
0 4 1 0 2 1				
	•	1	•	

THIS SITE IS THE LOCATION OF SLUDGE	1
FROM THE DISCONTINUED ENGINE	*
LUBRICATING OIL REFINING OPERATION.	*
THE SLUDGE WAS HAULED FROM THE	*
W-X SHOP REFINOIL PLANT TO THE DISP	*
OSAL SITE IN OPEN TOP CONTAINERS	*
AND DUMPED INTO THE SHALLOW PITS. S	
LUDGE CONSISTENCY IS VISEOUS TO	*
SEMI-SOLID. THIS IS A HAZARDOUS WAS	1
TE BY VIRTUE OF THE LOW PH.	
FROM 1963 TO 1970.	# A A A
CONTACT: HARRISON, WILLIAM, ENV'L E	1

:

NGR. (904) 359-1986

007

900